



Oil & Gas Production Plant & Facilities Design PEP05



**Oil & Gas
Consultancy Services & Technical Training Providers**

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Oil & Gas Production Plant & Facilities Design (PEP05)

Course Description:

This course is intended to impart basic understanding of facilities and equipment employed in hydrocarbon production.

The program runs for 5 days and is designed to instruct the participants in the basic principles of processes, equipment types, selection and application in surface production operations.

Course Contents:

- Field Development Overview and introduction to surface facilities
- The objectives of surface facilities production
- Processes involved and the Data required and function and objectives of the processes
 - ◇ Explain the principles involved in the design of process units and systems for oil and gas separation, oil treatment, gas conditioning and produced water treatment
- Reservoir fluid characterization and hydrocarbon specifications
- Introduction to surface facilities' processing systems design
 - ◇ Process objectives, principles and functions, parts and equipment
 - ⇒ Gathering System
 - ⇒ Separation System
 - ⇒ Oil treatment System
 - ⇒ Separation System
 - ⇒ Water Treatment System
 - ⇒ Gas Treatment System
 - ⇒ Well Control and Safety Systems
 - ⇒ Pressure vessels and Heat exchangers
- Equipment Selection – Pumps, valves, compressors etc
 - ◇ Reservoir fluid properties vs. equipment selection

Who Should Attend?

Oil & Gas personnel interested in production operations facilities and design

Date & Venue:

Dates & Venue open to discussion / change upon interest and commitment of 8 or more persons.

Tuition:

£2,950+VAT

5 day program

**5 easy ways to
register or to
make an enquiry:**

1.Web

www.petroconsultenergy.co.uk

2.Email

info@petroconsultenergy.co.uk

3.Phone

+44(0)1708 755355

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5.By post

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